

Rabbit MGMT Polyclonal Antibody | anti-MGMT antibody

Anti-MGMT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162439	Rabbit	HumanPredicted: Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

MGMT; Polyclonal Antibody; Anti-MGMT Antibody; Mouse Monoclonal [clone MT 3.1] (IgG1) to Human MGMT; anti-MGMT antibody

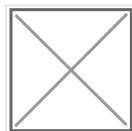
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Human MGMT
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	238
Applicable Applications for anti-MGMT antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Recombinant protein of human MGMT
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

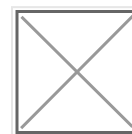
IMAGES


WB (Western Blot)

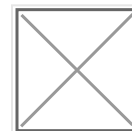
Western blot analysis of HeLa cell lysate.


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells.


WB (Western Blot)

Western blot analysis of HeLa cell lysate using MGMT antibody.


IHC (Immunohistochemistry)

Human Small Intestine, MALT: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-MGMT antibody	Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197304670
NCBI GeneID	4255
NCBI Accession #	NP_002403.2
NCBI GenBank Nucleotide #	NM_002412.4
UniProt Accession #	P16455; Q5VY78
Molecular Weight	21,646 Da
NCBI Official Full Name	methylated-DNA--protein-cysteine methyltransferase
NCBI Official Synonym Full Names	O-6-methylguanine-DNA methyltransferase
NCBI Official Symbol	MGMT
NCBI Protein Information	methylated-DNA--protein-cysteine methyltransferase
UniProt Protein Name	Methylated-DNA--protein-cysteine methyltransferase
UniProt Gene Name	MGMT
UniProt Synonym Gene Names	MGMT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.